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## **IN THE DRAWINGS**

Replacement sheets for Figs. 3, 17, 18, 19, 20, 21, 28, 29, 31, 32 and 35 are attached. The attached replacement sheets include changes to Figs. 3, 20, 28, 29, 32, and 35. Annotated sheets showing the changes are also attached.

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LINEUP of: TPSPLANT from: 1 to: 595 April 19, 1996 14:01 ..

	1	50
Tpsyest	MTTDNAKAQL TSSSGGNIIV VSNRLPVTIT KNSSTGOYEY AMSSGGLVTA	
	51	100
Tpsyest	LEGLKKTYTF KWFGWPGLEI PDDEKDQVRK DLLEKFNAVP IFLSDEIADL	
	101	150
Tpscel8		
Tpsyest	HYNGFSNSIL WPLFHYHPGE INFDENAWLA YNEANQTFN EIAKTMNHND	
	151	200
Tpsrice2		YRSLPVR
Tpssun10		GWFLHTPFPS SEVYKTLPMR
Tpsscl43		GWFLHTPFPS SEIYRTLPLR
Tpsscl8	IMWVHDYHLC LVPQMIRQKL PDVQI.....	GFFLHTAFPS SEVFRCLAAR
Tpsyest	LIWVHDYHLM LVPEMLRVKI HEKQLQNVKV	GWFLHTPFPS SEIYRILPVR
	201	250
Tpsrice2	DEILKSLNC DLIGFHTFDY ARHFLSCCSR MLGIEYQSKR	GYIGLDYFGR
Tpssun10	NELLKGLNA DLIGFHTYDY ARHFLTCCSR MFGLDHQLKR	GYIFLEYNGR
Tpsscl43	AELLQGVGA DLVGFTYDY ARHFVS....	..AMHTDTRA GRHSQGVEDQ
Tpsscl8	KELLDGMLGA NLVAFQTEY AHFLQ....	..XVQSHXSL LKQRP.....
Tpsyest	QEILKGVLSCLDLVGFTYDY ARHFLSSVQR VLNVTNLPNG	VEYQGRFVNV
	251	300
Tpsrice2	TVGIKIMPVG INMTQLQTOI RLPDLEWRVA NSGSSLMGRL	SCSVWMIWTY
Ricetps		EWV SELQQQFEGK .....TVL ....LGVDDM
Tpssun10	SIEIKIKASG IHVGRMESYL SQBDTRLQVQ EVK..KEIVL	....LGVDDL
Tpsscl43	GKITRVAA.. FPVDRFGAIY RRVETDAVKK HMQELSQVLL	S*GYVGVDR
Tpsscl8	.....KA.. FS.XRFVNVW ...SX..MQE ALRXVKKVIV	ARDKLTSR.
Tpsyest	GAFPIGIDVD KFTDGLKKES VQKRIQQLKE TFKGCKIIV.	.....GVDRL
	301	350
Tpsatal3		.G
Tpsatal56		N EELRGKVVLV QITNPARSS. ....G
Tpsrice2	LR..GLI*KF LRFEQMLRTH PKWQPRQFWC RFKPRVVVGR	TLXYSXDXXV
Ricetps	DIFKGINLKL LAFENMLRTH PKWQGRAVLV QIANPARGK.	.....G
Tpssun10	DIFKGVNFKV LALEKLLKSH PSWQGRVVLV QILNPSR.R.	.....C
Tpsscl43	DMIKGIPQKL LAFEFLEEN SEWRDKVVLV QIAVPTRTD.	.....V
Tpsscl8	.....VREKL LSYELFLNKN PQWRDKVVLV QVATSTTDS	ELAATXYPKL
Tpsyest	DYIKGVPOKL HAMEVFLNEH PEWRGKVVLV QVAVPSRGDV	EEYQYLRVSV

Fig. 3A

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	351		400
Tpsatal3	IDVEEIRGEI	EESCRRING. EFGKXGYQPI	IYIDXPVSIN EINAYXHIAE
Tpsatal56	KDVQDVEKQI	NXIADDEINSK FGRPGGYKPI	VFVNGPVSTL DKVAYYAISE
Tpsrice2	QXVMTFQAGI	SL	
Ricetps	KDLEAIQAEI	HESCKRING. EFGQSGYSPV	VFIDRDVSSV EEDCLLENSR
Tpssun10	QDVDEINAEI	RTVCERINN. ELGSPGYQPV	VLIDGPVSLS EKAAYYVIAD
Tpssel43	LEYQKLTQV	HEIVGRING. RFGSLTAVPI	HHLDRSMKFP ELCALYAITD
Tpssel18	LHVLTLCTRR	SHTPTRLPQ. ARHCVLAVPR	TSLDRRCSCN QLF.....
Tpsyest	NELVG.....	.....RING. QFGTVEFVPI	HFMHKSIPFE ELISLYAVSD
	401		450
Tpsatal3	CVVVTAVRDG	MNLTPYEYIV CROGLLGSES	DFSGPKKSM L ....VASXFI
Tpsatal56	CVVVNXVRDG	MNLVPYKYTV TROGSPALDA	ALGFGEEDVR KSVIIVSEFI
Tpsatal142			AVVDSSPR TSTLVVSEFI
Tpsrice3			GP K KSM L LVSEFI
Ricetps	MCGGDCC*GW	D*LDTIWIYC L*GRGLTXHQ	R
Tpssun10	MAIVTPLRDG	MNLV	
Tpssel43	VLLVTSLRDG	MNFV	
Tpssel18	.....DG	MNLV	
Tpsyest	VCLVSSTRDG	MNLVSYEYIA CQEE.....	.....K KGSLILSEFT
	451		500
Tpsatal3	WMXPFR LXGA	IRVNPW	
Tpsatal56	GCXP.SLSGA	IXVNPWNIXA V	
Tpsatal142	GCSP.SLSGA	IRVNPWDVDA VAEAVNSALK	MSETEKQLRH EKHYHYISTH
Tpsrice3	GCSP.SLSGA	IRVNPWNIEA TAEALNEAIS	MSERXKQLRH EKHYRYVSTH
Tpsyest	GAAQ.SLNGA	IIVNPWNTDD LSDAINEALT	LPDVKKEVNW EKLYKYISKY
	501		550
Tpsatal142	DVGTWAKSFM	QDLERACRDH YSKRCWGIGF	GLGFRVLSLSP SFRKLS
Tpsrice3	DVAYWSKSFV	QDLERACKDH FRKPCWGIGX	GFRXR
Tpsyest	TSAFWGENFV	HELYSTSSSS TSSSATKN**	TRCK*DDR LF LVRFS LPSLL
	551		595
Tpsyest	FTFFILYIKL	YK*HN*NATR PLLFVNACL*	RC*LKL RK*F FHRIG

Fig. 3B

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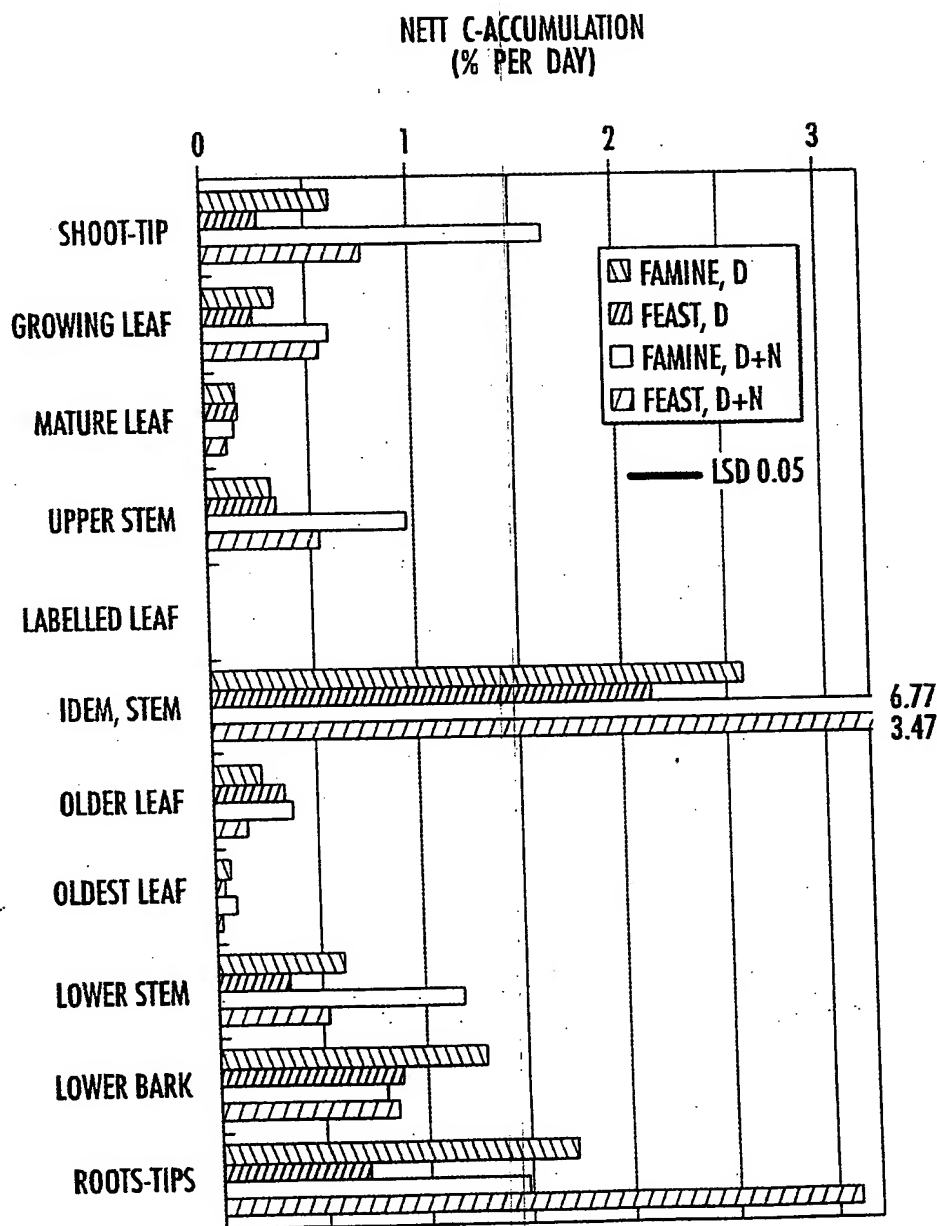


Fig. 17

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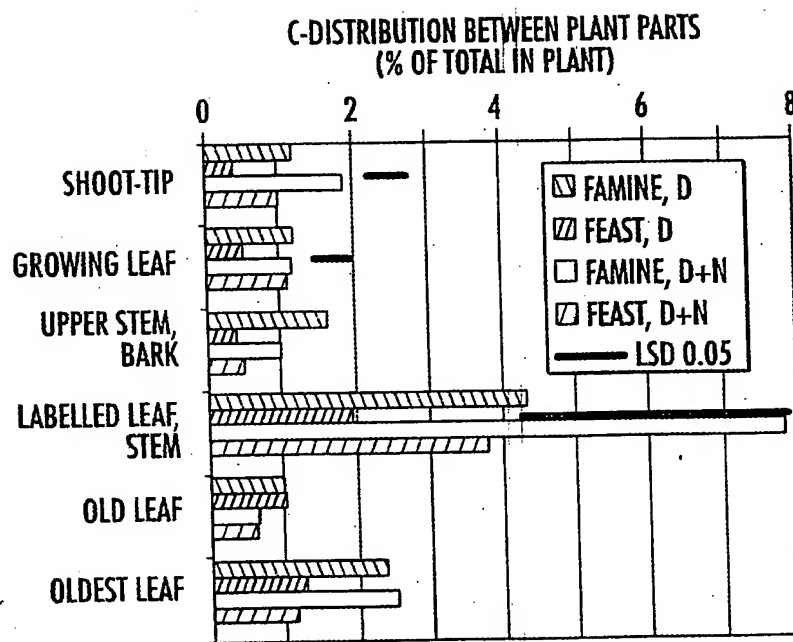
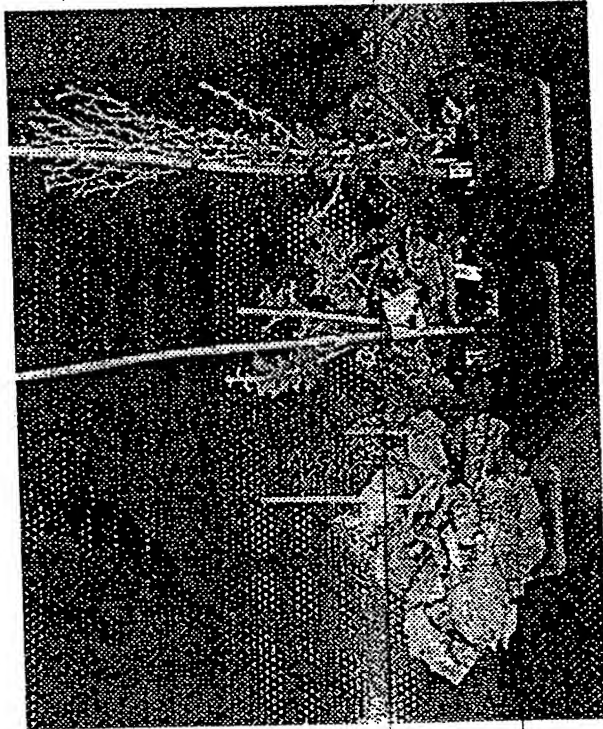


Fig. 18

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TPS

CONTROL

TPP



Fig. 19

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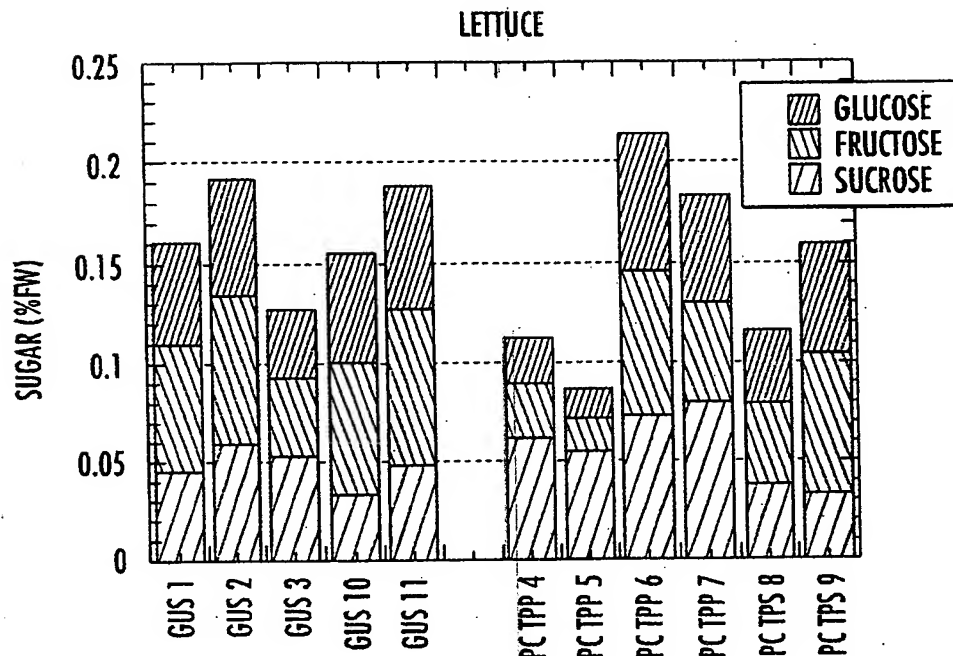


Fig. 20A

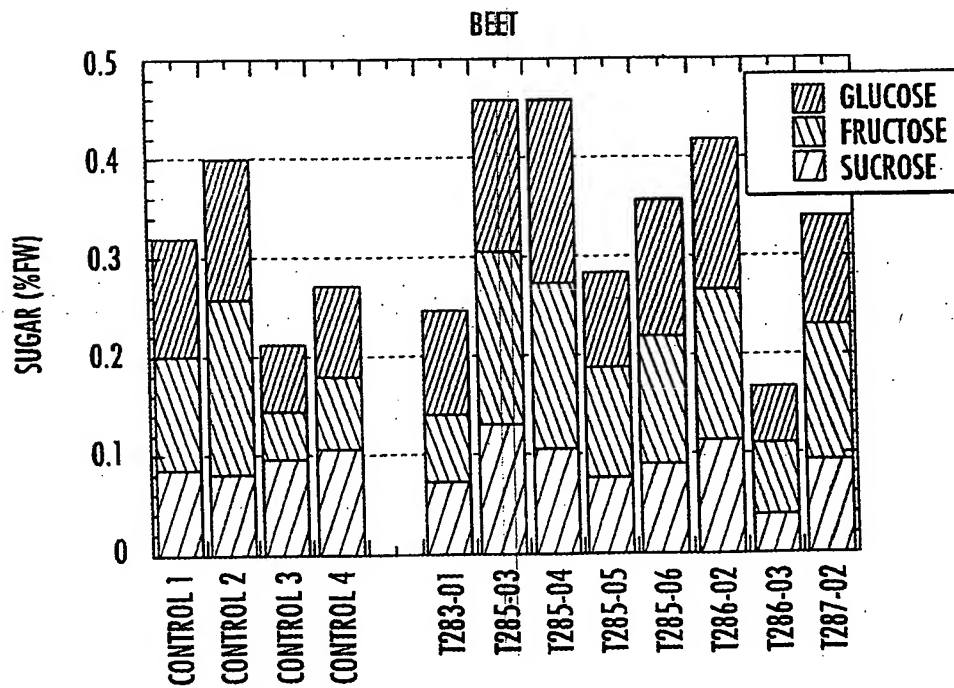


Fig. 20B



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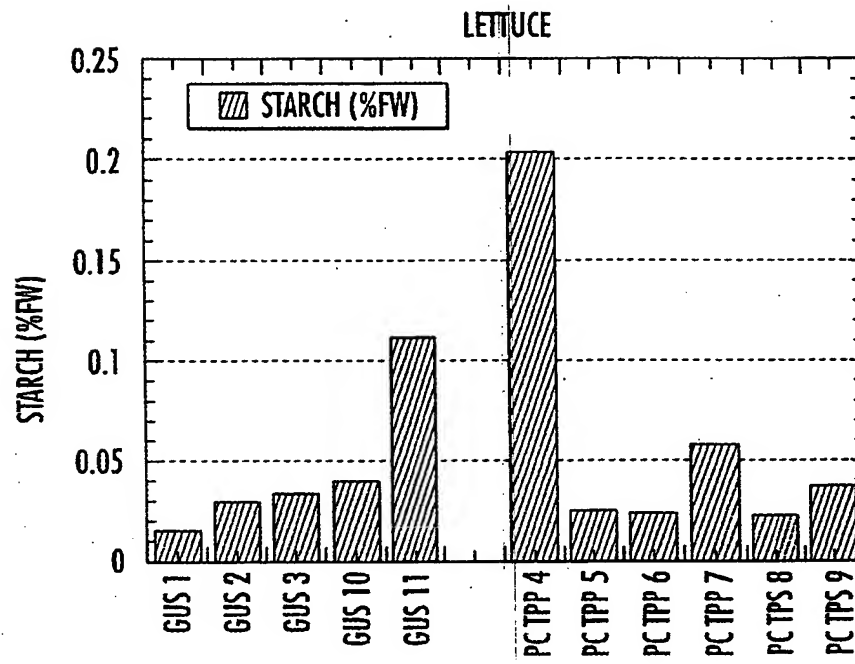


Fig. 20C

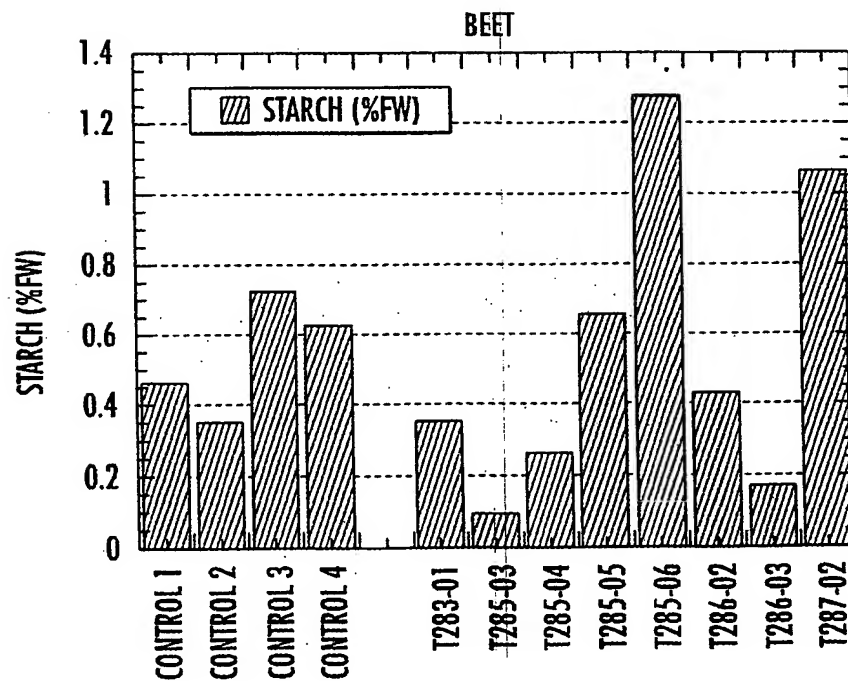


Fig. 20D

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CONTROL

TPP

TPS  
(A-TYPE)

TPS  
(D-TYPE)

Fig. 21

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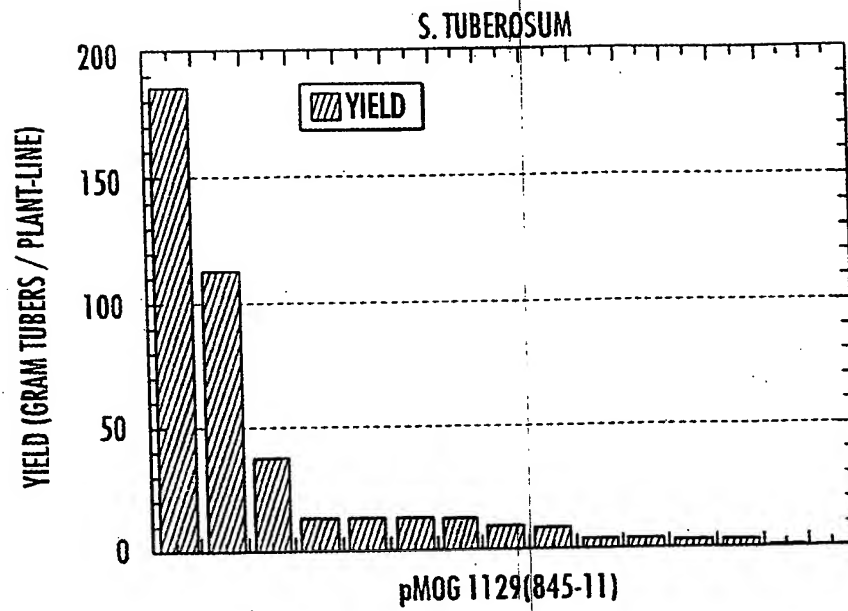


Fig. 28A

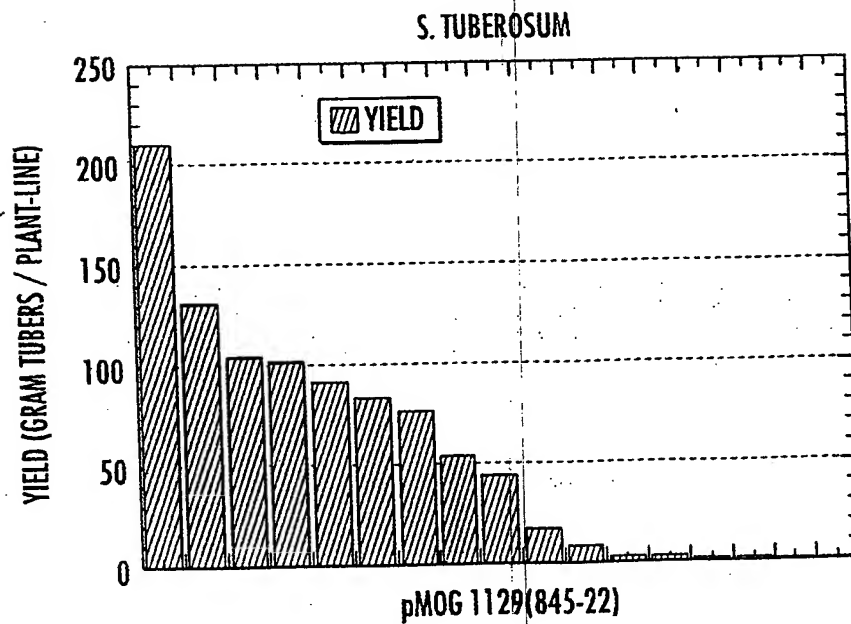


Fig. 28B

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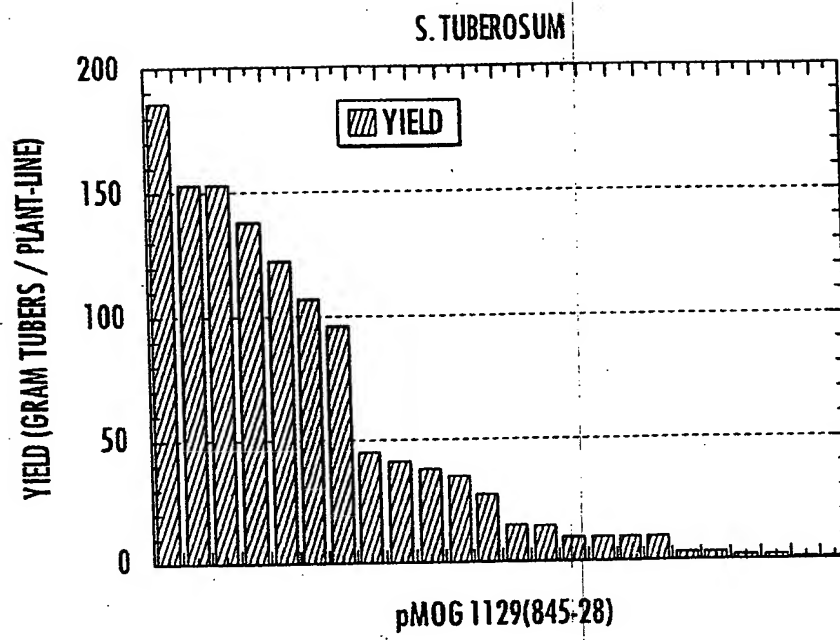
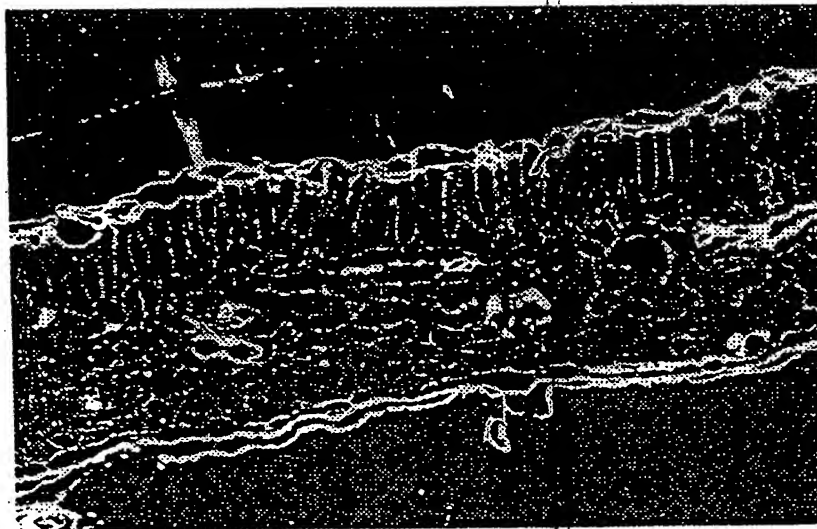


Fig. 28C

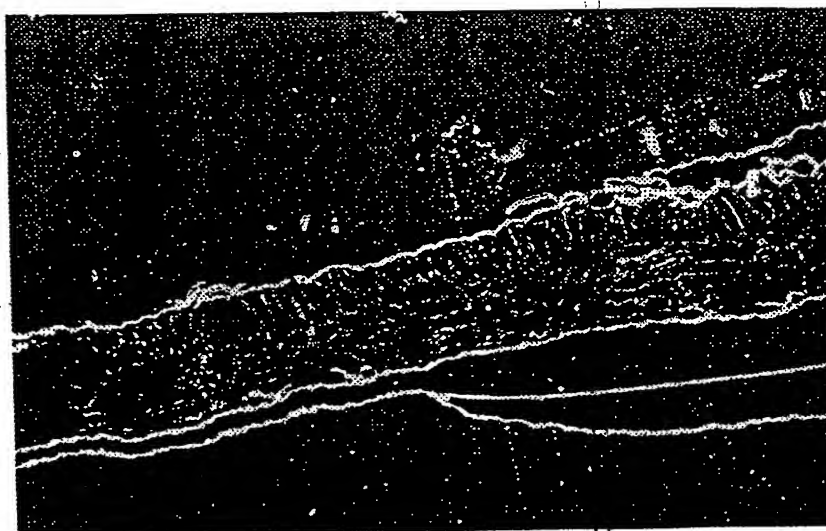
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TPS TRANSGENIC TOBACCO LEAF

Fig. 29A

UPPER  
EPIDERMIS  
PALLISADE  
MESOPHYLL  
SPONGY  
MESOPHYLL  
LOWER  
EPIDERMIS



TPP TRANSGENIC TOBACCO LEAF

Fig. 29B

UPPER  
EPIDERMIS  
PALLISADE  
MESOPHYLL  
SPONGY  
MESOPHYLL  
LOWER  
EPIDERMIS

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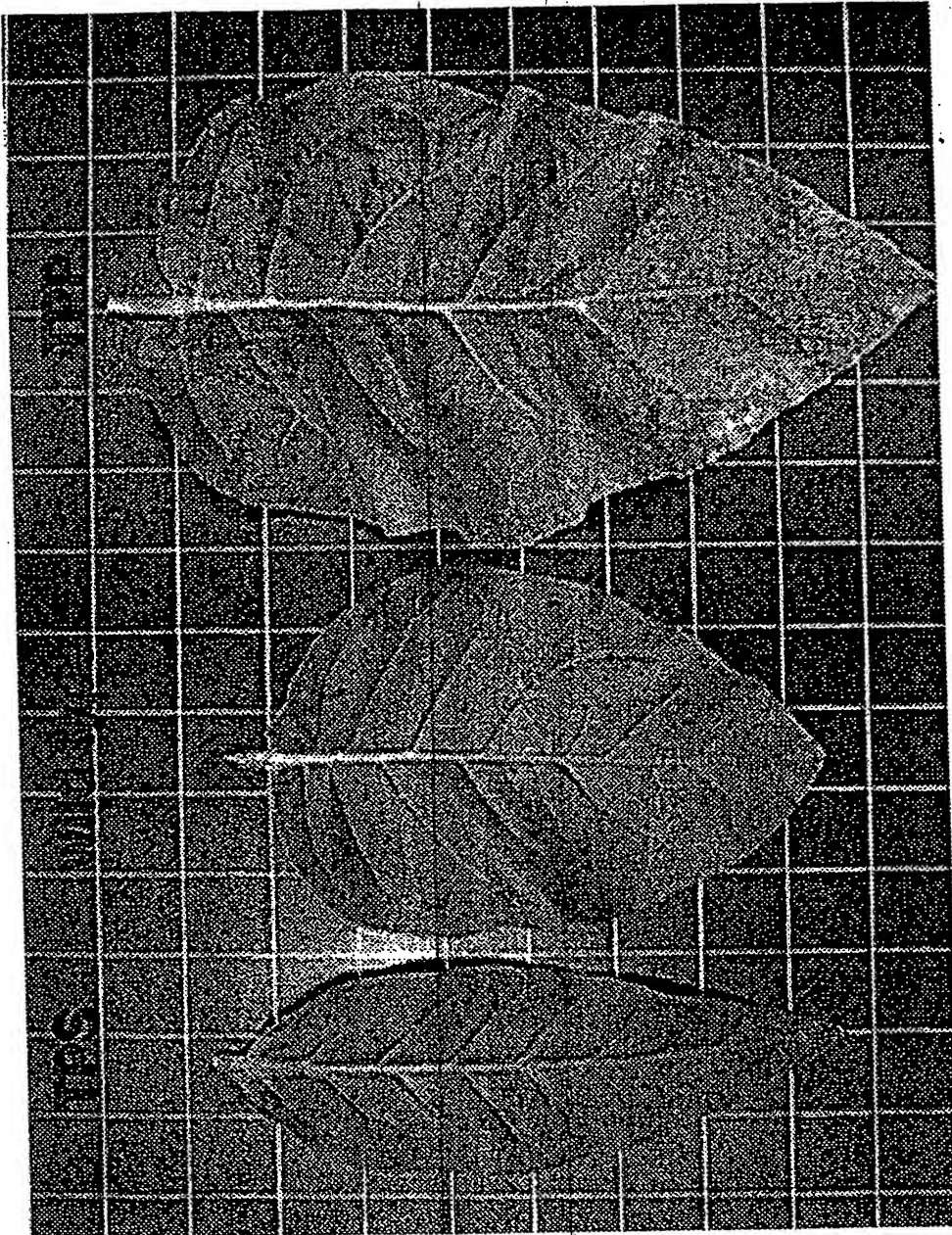


Fig. 31

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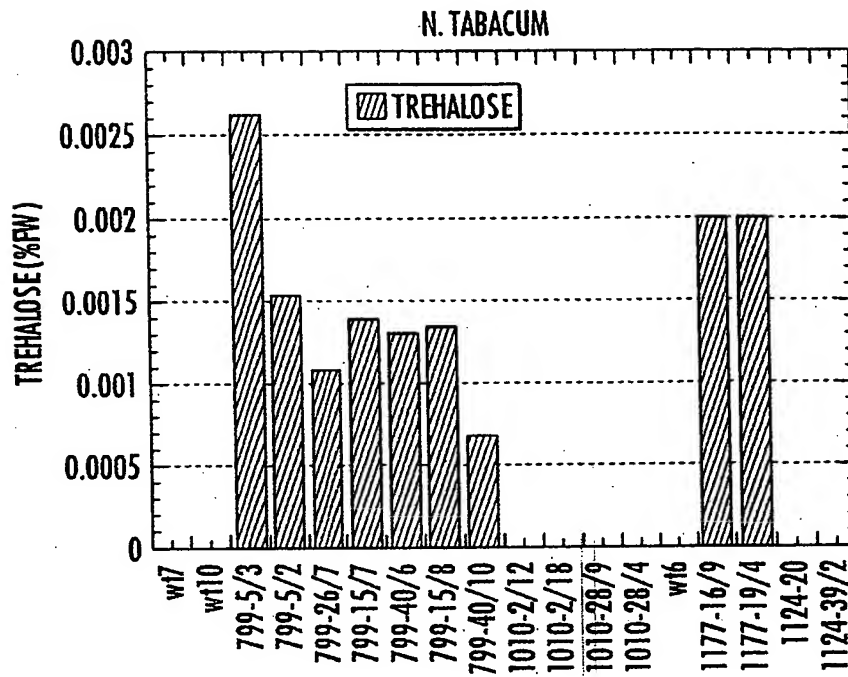


Fig. 32A

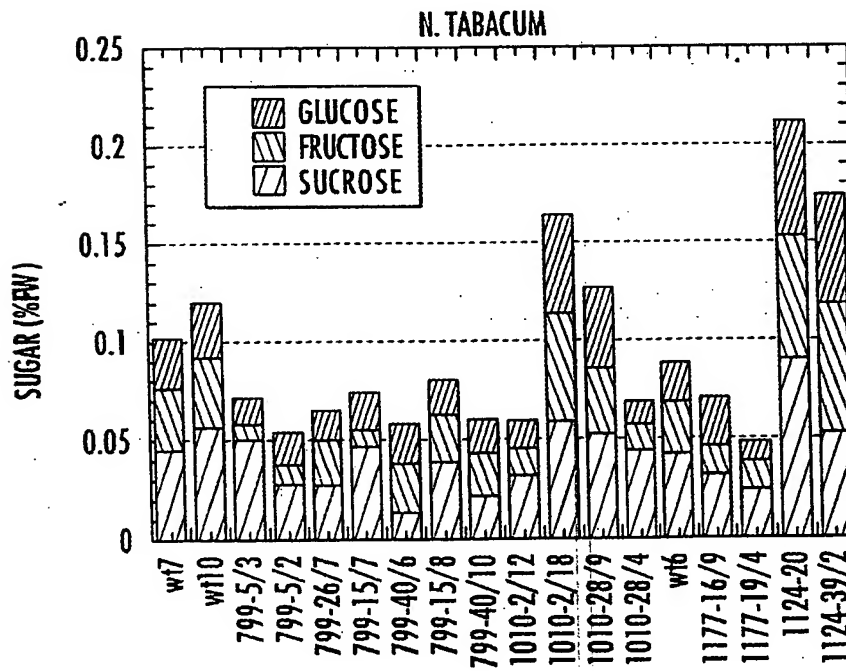


Fig. 32B

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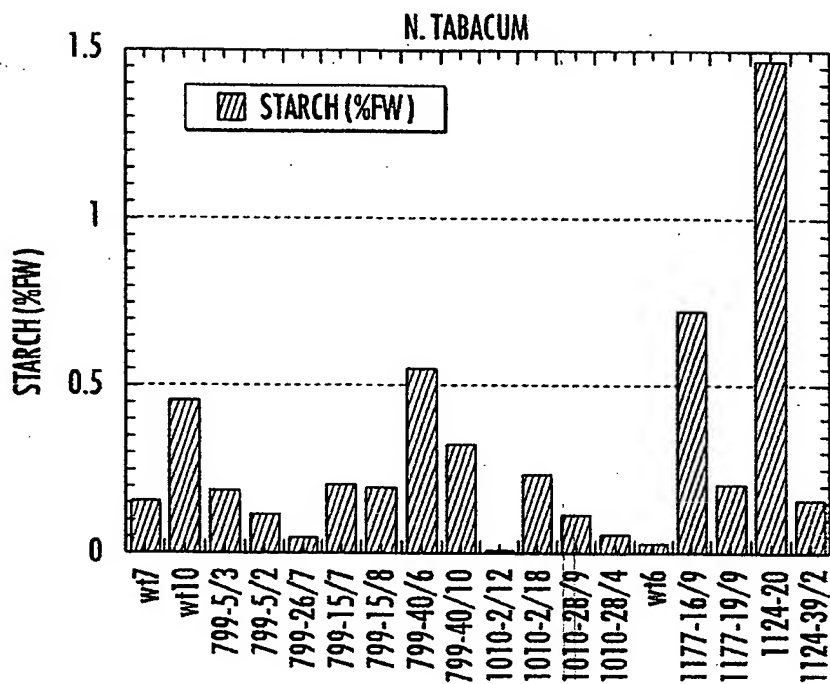


Fig. 32C

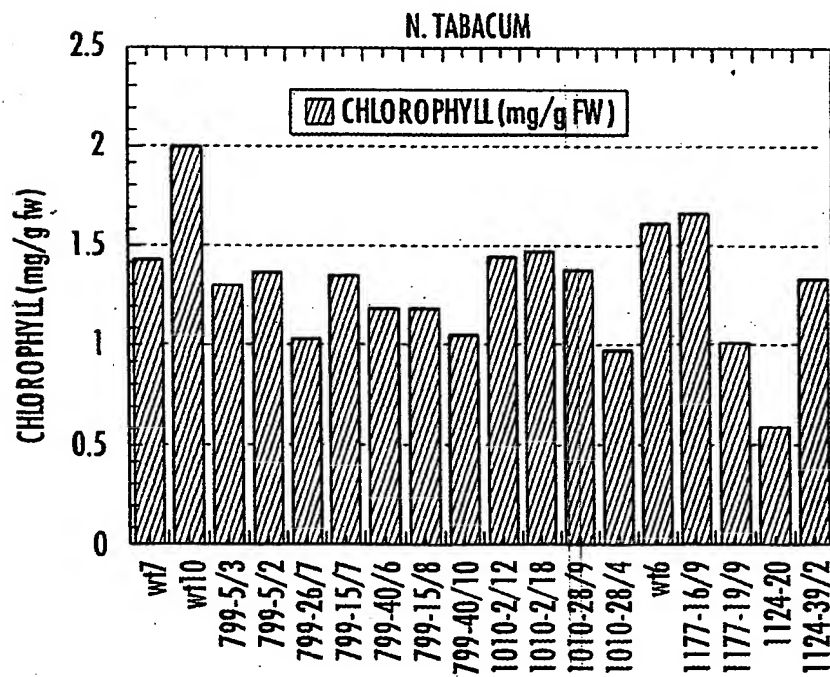


Fig. 32D



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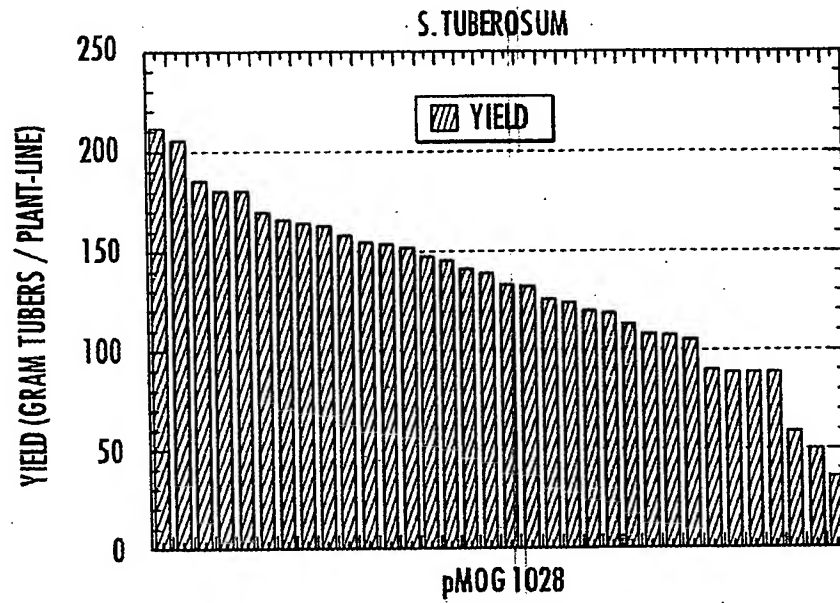


Fig. 35A

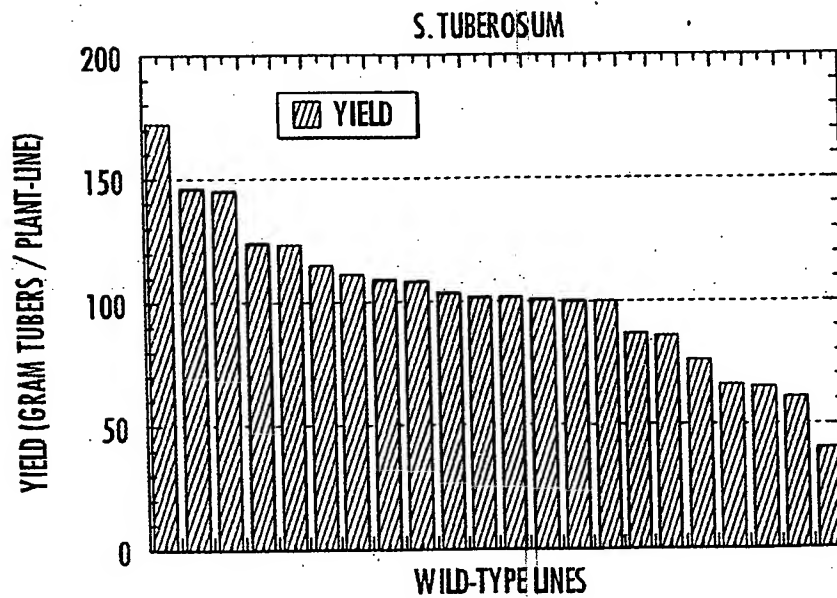


Fig. 35B

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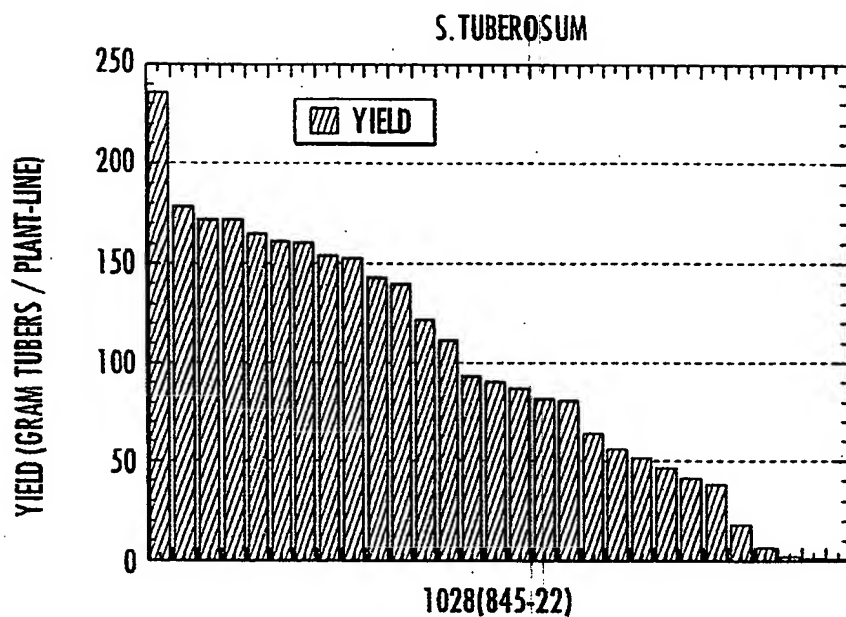


Fig. 35C

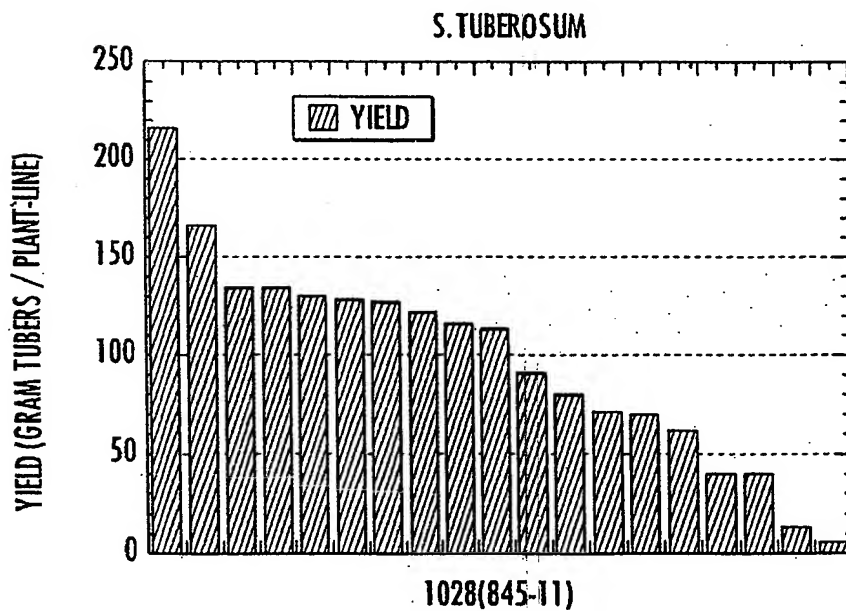


Fig. 35D

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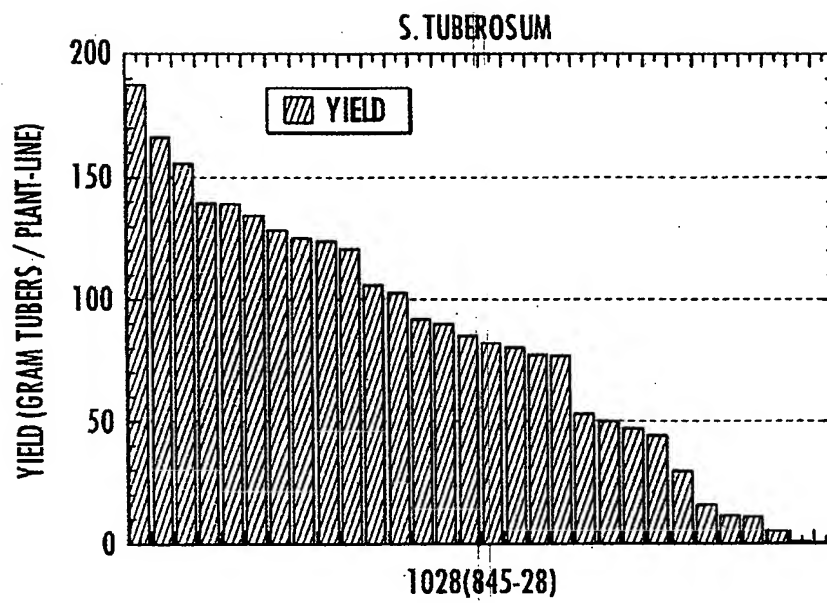


Fig. 35E